EU 189967869US

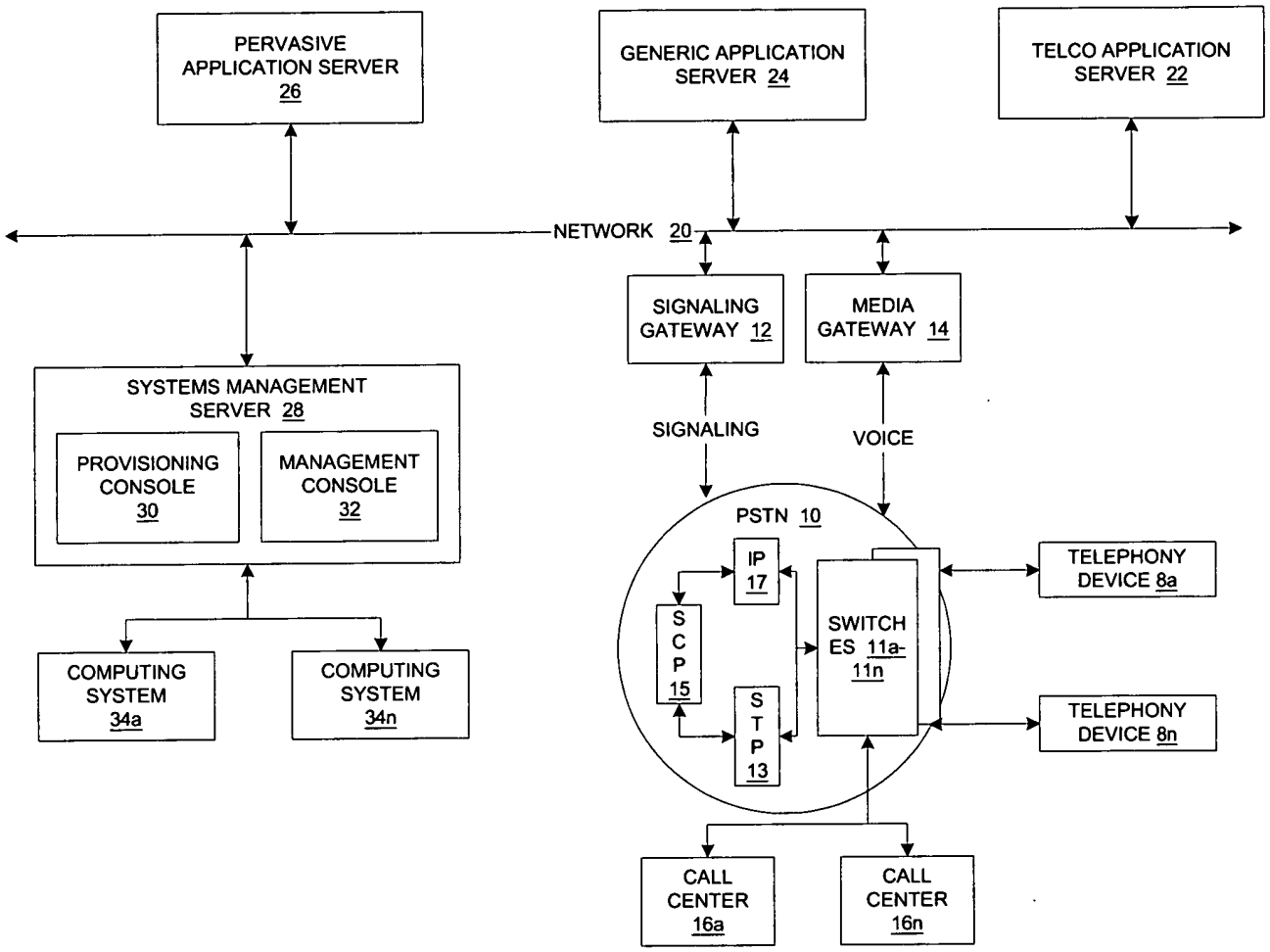

FIGURE 1

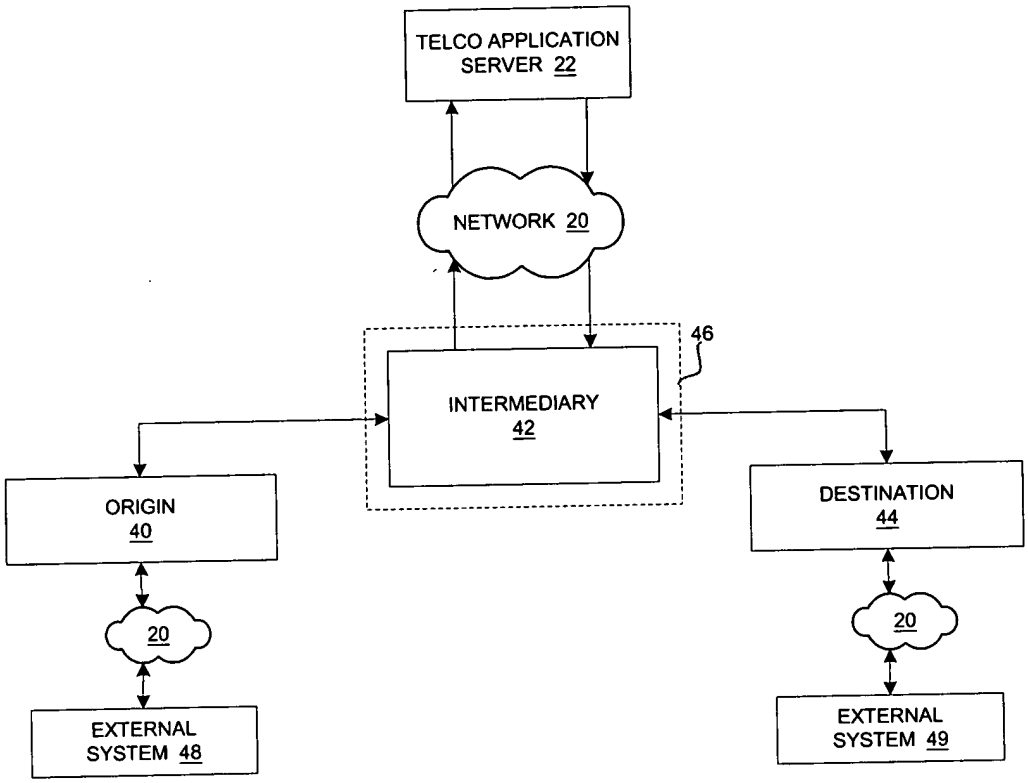

FIGURE 2

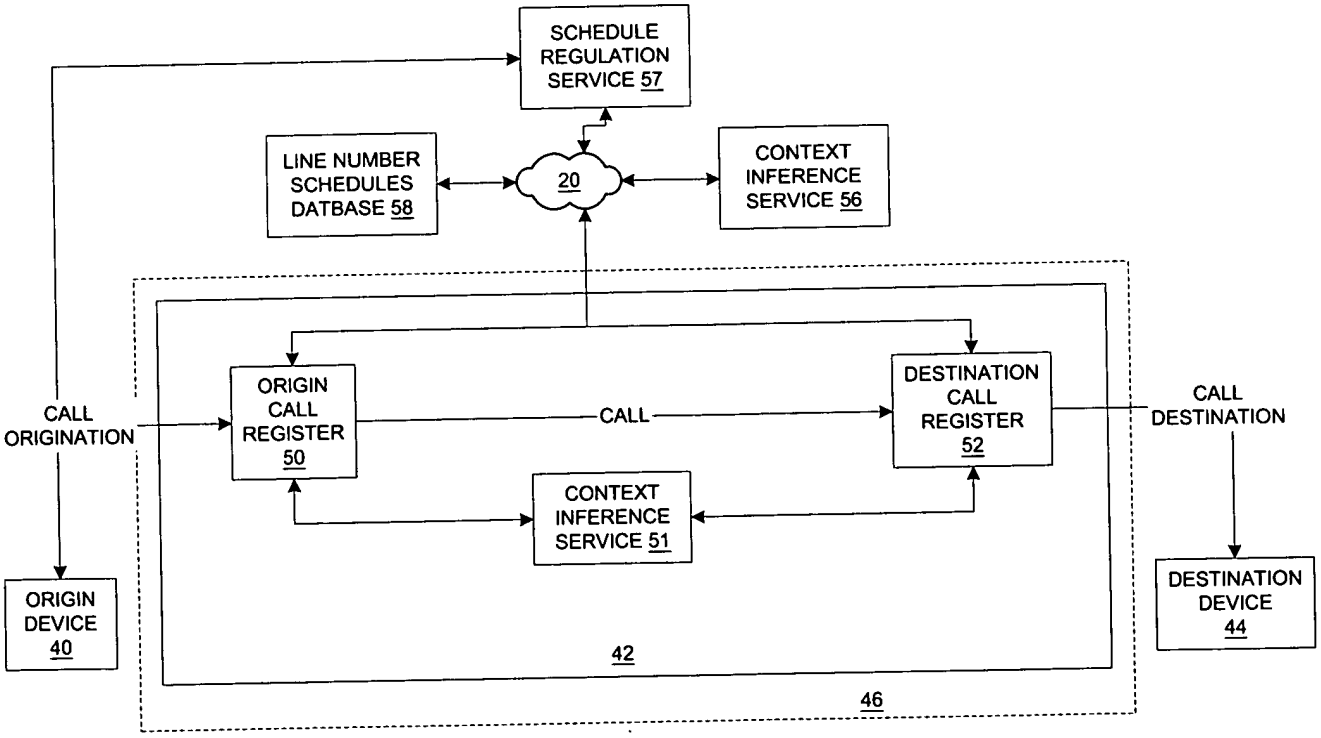

FIGURE 3

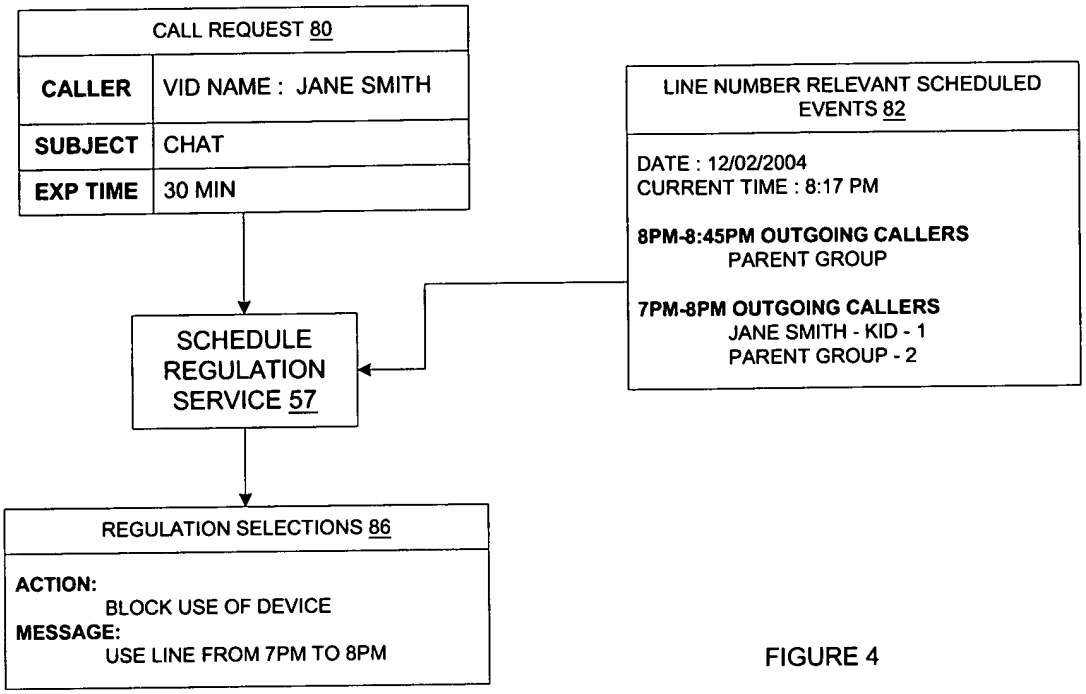

FIGURE 4

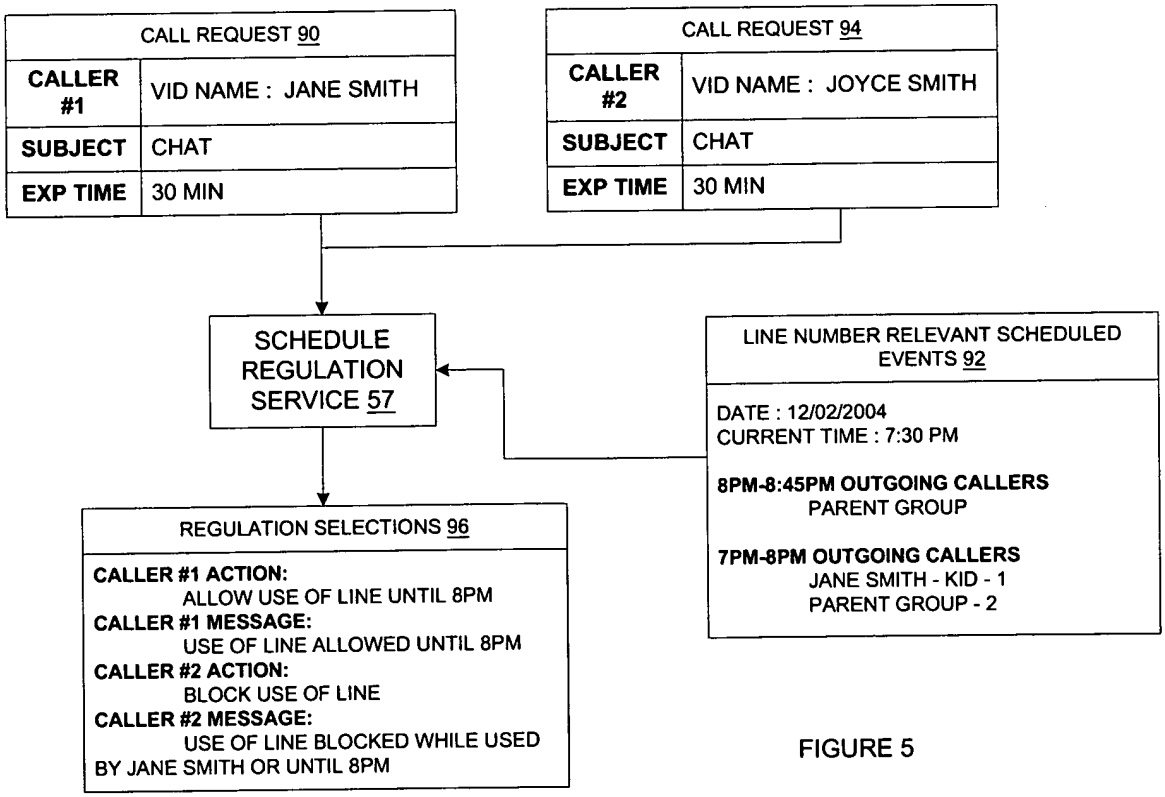

FIGURE 5

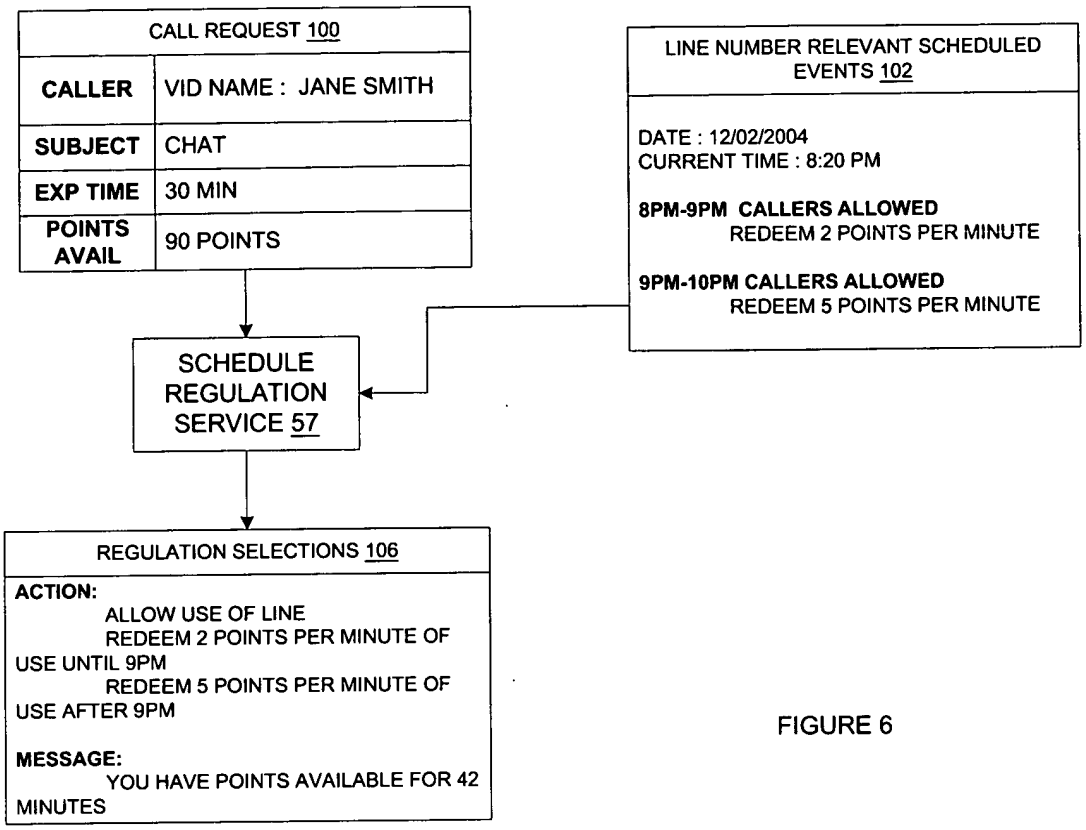

FIGURE 6

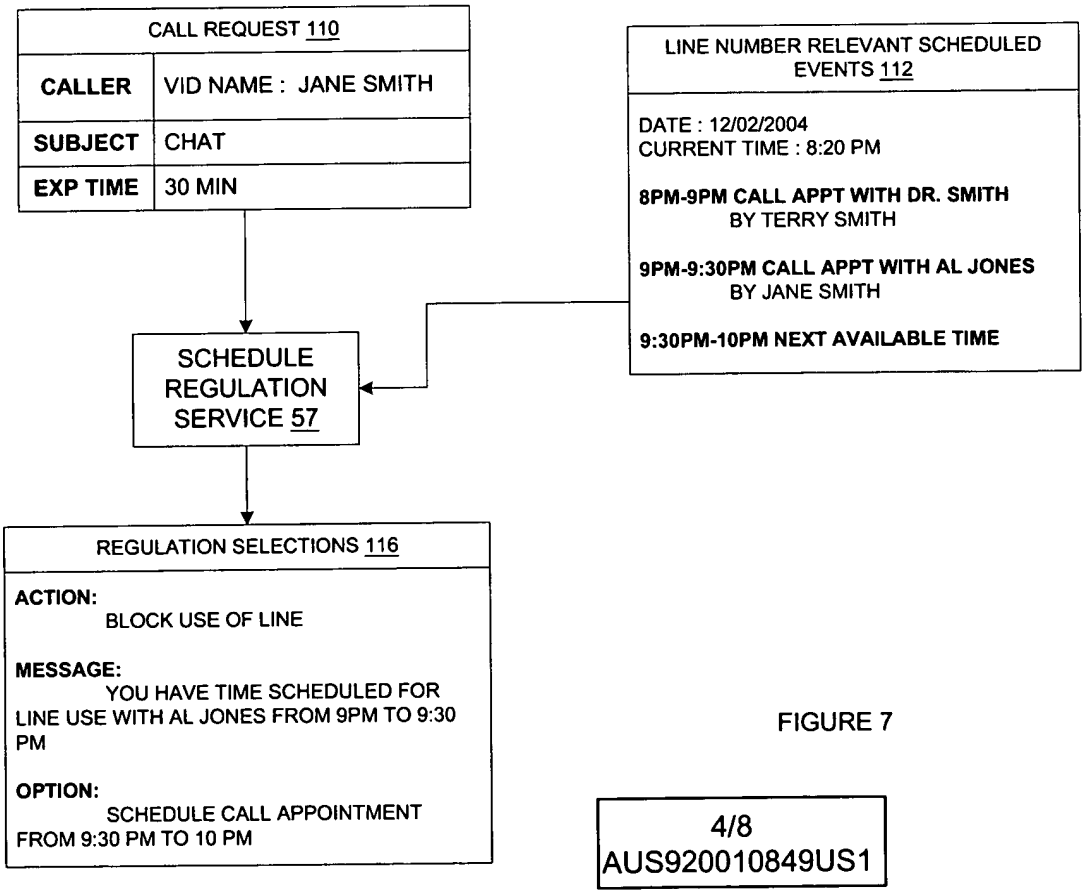

FIGURE 7

10082418-022502

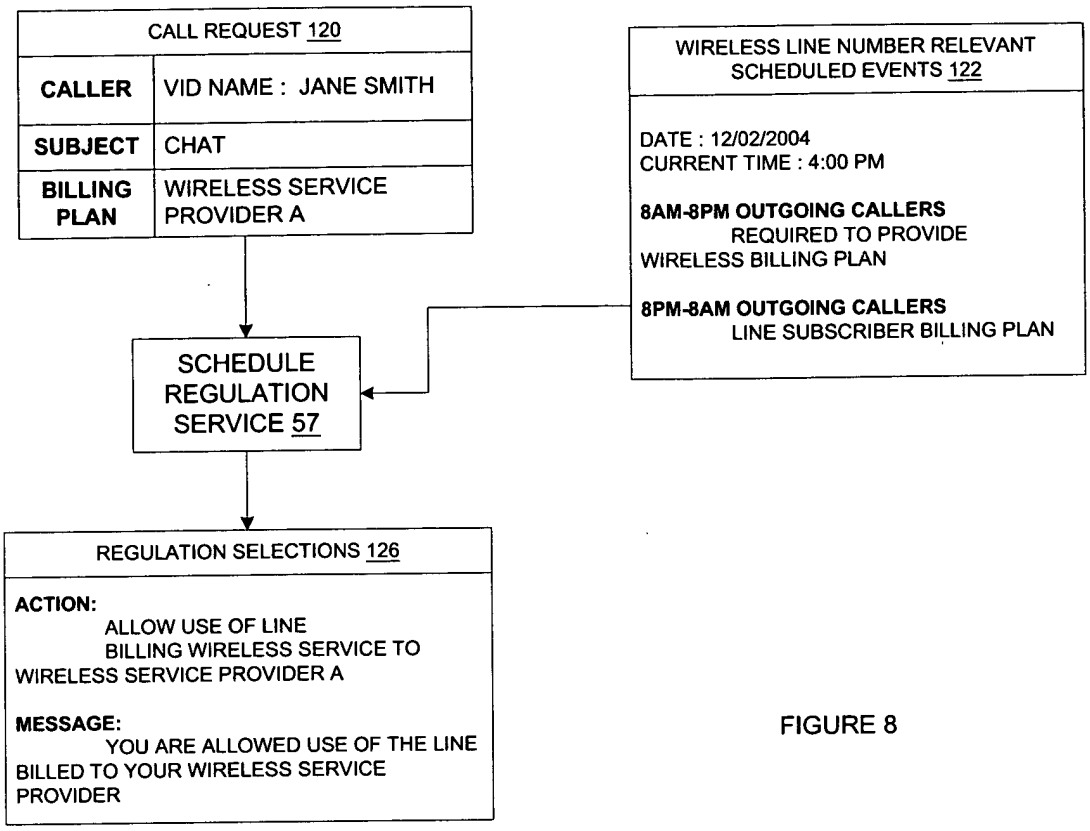

FIGURE 8

10082548 - 092604

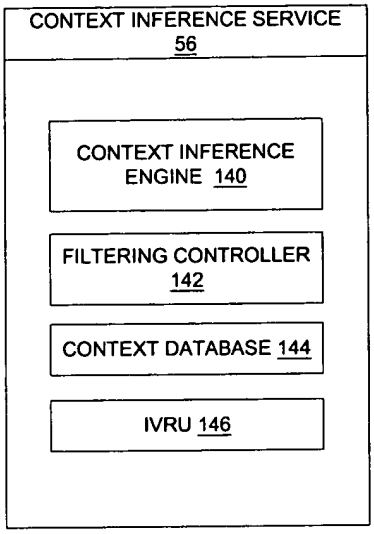

FIGURE 9

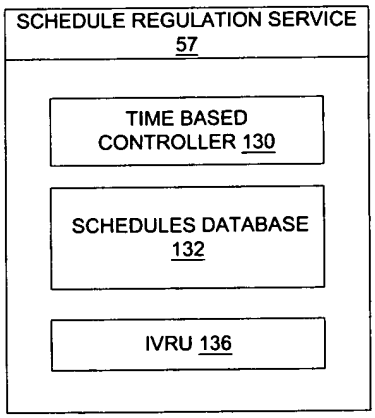

FIGURE 10

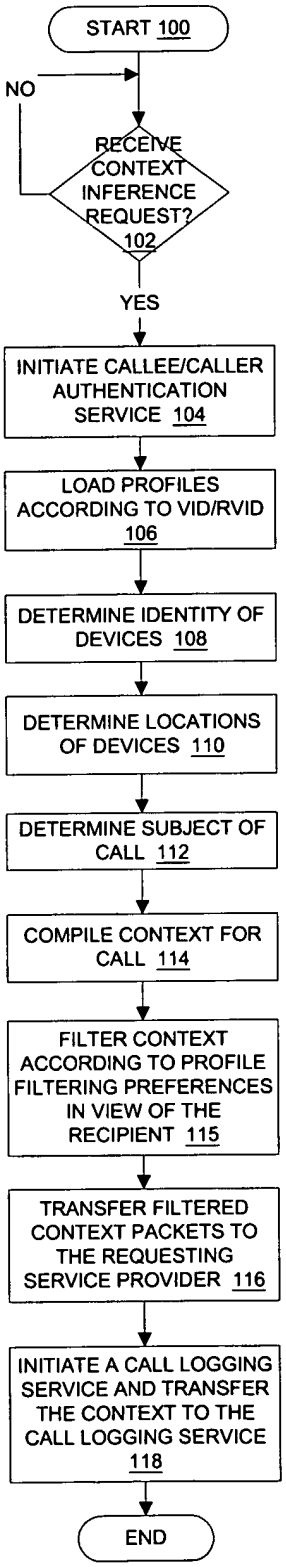
START 100
NO
RECEIVE CONTEXT INFERENCE REQUEST? 102
YES
INITIATE CALLEE/CALLER AUTHENTICATION SERVICE 104
LOAD PROFILES ACCORDING TO VID/RVID 106
DETERMINE IDENTITY OF DEVICES 108
DETERMINE LOCATIONS OF DEVICES 110
DETERMINE SUBJECT OF CALL 112
COMPILE CONTEXT FOR CALL 114
FILTER CONTEXT ACCORDING TO PROFILE FILTERING PREFERENCES IN VIEW OF THE RECIPIENT 115
TRANSFER FILTERED CONTEXT PACKETS TO THE REQUESTING SERVICE PROVIDER 116
INITIATE A CALL LOGGING SERVICE AND TRANSFER THE CONTEXT TO THE CALL LOGGING SERVICE 118
END

FIGURE 11

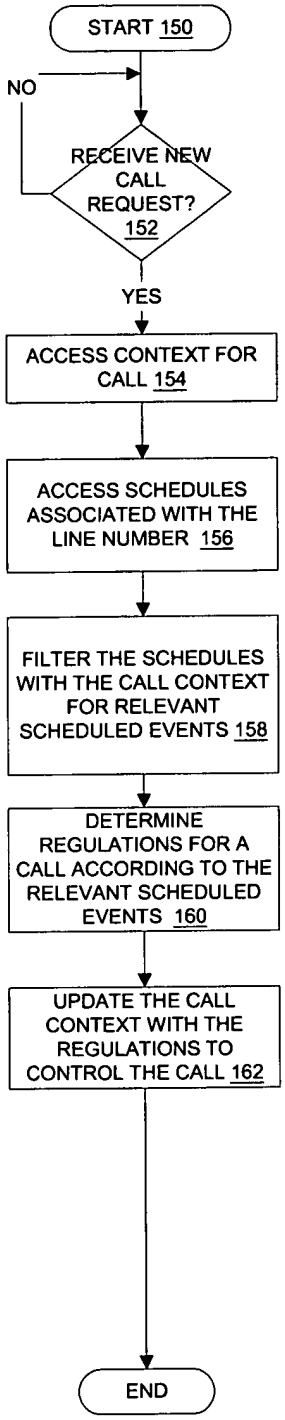
START 150
NO
RECEIVE NEW CALL REQUEST? 152
YES
ACCESS CONTEXT FOR CALL 154
ACCESS SCHEDULES ASSOCIATED WITH THE LINE NUMBER 156
FILTER THE SCHEDULES WITH THE CALL CONTEXT FOR RELEVANT SCHEDULED EVENTS 158
DETERMINE REGULATIONS FOR A CALL ACCORDING TO THE RELEVANT SCHEDULED EVENTS 160
UPDATE THE CALL CONTEXT WITH THE REGULATIONS TO CONTROL THE CALL 162
END

FIGURE 12